

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,196,156 B2  
 APPLICATION NO. : 10/734521  
 DATED : March 27, 2007  
 INVENTOR(S) : Durairaj et al.

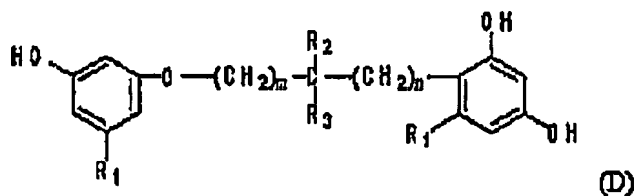
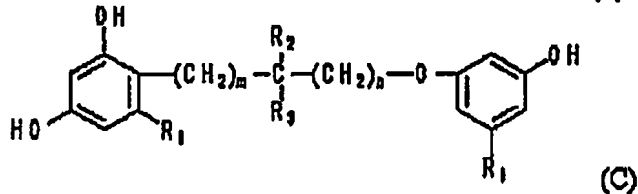
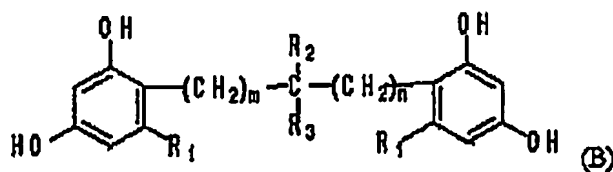
Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please rejoin the original claims 7, 8, 10, and 11 as claims 29, 30, 31, and 32 respectively, as shown below:

29. The method of claim 1, wherein the unsaturated dihydroxy compound is 1,4-dihydroxy-2-butene.

30. The method of claim 1, wherein the reaction mixture comprises one or more compounds as represented by the following structures (B, C and D).



where R<sub>1</sub> and R<sub>2</sub> are independently -CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>3</sub>, or -CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>;

and R<sub>3</sub> is either -H or and m=0, 1 or 2 and n = 0, 1 or 2.

31. The method of claim 1, wherein the molar ratio of the phenolic compound to the unsaturated dihydroxy is between about 1:0.1 to about 1:0.3.

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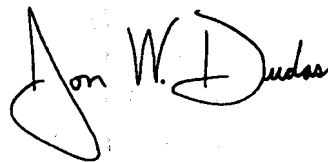
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

32. The method of claim 1, wherein the molar ratio of the phenolic compound to the aldehyde is between about 1:0.35 to about 1:0.45.

Signed and Sealed this

Ninth Day of October, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*